(23)

361.

App. F. IX-4

1938-9

(F.)

File No. 186-38

Serial Nos. 1 to 2

Previous References

F. 20833 (1 to 2)

" 94-28 (1 to 2)

Letter References

G 152-45 (1-2)

Preserve.

Sch

Supdt: P25

(2)

GENERAL AND REVENUE SECRETARIAT.

Serial Nos: Two

Part B for Feb 1939

SUBJECT.

Report of the Actuaries on the Valuation of the Funds of the Official and Public Branches of the Post Office Life Insurance Scheme with the recommendations of the Committee for the given premium rates as from 1st June 1938.

P 2)

To the Comptroller &
" Secretary Postal Services
" Controller M.O.
" Public Works.
No. F 9233-7 of 11-2-39

Forwarding the recommendations of the Committee on the above—

WD 0295—GPB—22,500—13-8-37

W.A.R.W.
25/4/39

Quinquennial valuation Report with Insurance Fund

General and Revenue Secretariat G — File No. 186 — of 1938 — [App. F. III—2

Serial No. 1

Letter No: 10502 dt 22.12.1938 from the Secy: Life Insurance Deptt: forwarding printed copies of the Reports of the Actuaries, Messrs. K.B. Madhava and James Boeom on the valuation of the Funds of the Official and Public Branches respectively for the quinquennium ending 30th June 1938 together with copies of resolutions thereon passed by the Govt: Submd: The recommendations of the Actuaries at Flags Q (Page 12) and P (Page 8) have been adopted by the Govt: and the bonus bonuses recommended now are the same as those sanctioned at the last quinquennium. and the recommendations of the Govt: may perhaps be approved.

This is a Council matter - vide file relating to the last quinquennium put up

5014

5/1/39

Put Leg)

The recommendations may be approved

6.1.39

23 Mar)

Dewan)

11-1-39

21.1.39

13/1

SECOND MEMBER OF COUNCIL
6 JAN. 1939
No..... 6274.

NOTE—Contn. Sheet.

Submd Govt. memo in put up

Signed

WD 0544—GPB—30,000—2-9-83

For Disposal by Circulation. 213/39 **No. C. 273**

.....1938-39

GENERAL AND REVENUE SECRETARIAT.

Council Matter.

Subject

Reports of the Actuaries on the valuations of the funds of the Official and Public Branches of the Mysore State Life Insurnace Scheme with the recommendations of the Committee for the quinquennium ending 30th June 1938.

Circulated to the Members of Council.

By Order,

Chief Secretary to Government.

.....13th January.....1939.

C no 1 14/1/39 **First Member of Council.** nil 14/1/39

Second Member of Council. Seen

Financial Secretary with compliments.

MS 14.1.39

16.1.39

Quinquennial valuation Report on the Insurance Fund

General and Revenue Secretariat — 47 File No. 186. of 1938. [App. F. III—2

Serial No.

Subd: with a draft order.

USRao MR 20.1.39

Please put up D.S.N.

GOR 28/1

[illegible] 28/1

Subd: with a D.S.N. The same will be got typed after approval

USRao MR 26.1

Subd: with a typed D.S.N.

USRao MR 28.1

Fin. Secy) GOR 28/1/39

with D.S.N.

Dewan) AD 28.1.39

NOTE—Contn. Sheet.

WD 0544—GPB—30,000—2-9-83

Submitted to His Highness.

Messrs K. B. Madhava, M.A., F.R.A.S., A.I.A.(Lond) and James Bacon, F.I.A., were entrusted with the valuation of the funds of the Official and Public Branches, respectively, for the quinquennium ending the 30th June, 1938. The reports of these actuaries were considered by the Insurance Committee at their meeting held on the 17th December, 1938. In submitting their resolutions the Secretary of the Committee solicits sanction to the following recommendations:-

OFFICIAL BRANCH.

1. Grant of a simple reversionary bonus at 18 and 20 per annum per Rs 1,000/- sum assured on Endowment and Whole Life assurance, respectively, payable on date of maturity or at earlier death in respect of all policies which were in force on 30th June 1938 and an Interim bonus at the same rates on each policy that becomes a claim or matures before the next valuation date or period of five years, whichever is less.

2. Grant of a special additional bonus calculated at Rs 18 and 20 per Rs 1,000/- per annum for 5 years on the total of the reversionary bonus already attached and existing on the policies in full force on 30th June 1938 payable as above.

PUBLIC BRANCH.

1. Grant of a bonus payable on maturity or earlier death at the rate of two per cent. of the sum assured in respect of each year of assurance entered upon since 30th June 1933 up to and including 30th June 1938.

2. Until the date of the next valuation or until the rate of interest falls below four per cent. per annum an Interim bonus at the rate of two per cent. per annum on the sum assured, excluding bonuses, in respect of each policy that becomes a claim or matures, the bonus being calculated in respect of each year of assurance entered upon after 30th June 1938.

The above proposals are agreed to by the Members of Council and myself and may be graciously approved.

Mirza M. Ismail

Bangalore,
30th January 1939.

DEWAN.

Record of Cases submitted for the Orders of His Highness the Maharaja.

Subject.

Reports of the Actuaries on the valuation of the funds of the Official and Public Branches of the Mysore State Life Insurance Scheme for the quinquennium ending the 30th June, 1938, with the recommendations of the Committee.

Ch. Sec'y
M.
31-1-'39

No. 518

Order.

~~KRW~~ >
31/1/39

HS
1.2.39

General and Revenue Secretariat.

2143 /41

C273

2193 PL

SUBJECT:—

Reports of the Actuaries on the valuation of the funds of the Official and Public Branches of the Mysore State Life Insurance Scheme for the quinquennium ending the 30th June 1938, with the recommendations of the Committee.

(*)

31. All urgent or confidential files returned with His Highness' orders may in the absence of instructions or indications to the contrary, be ordinarily circulated to the Members of Council for perusal after the issue of orders.

33. The Secretaries concerned should see that orders in the cases referred to above are issued at once and that the files are returned immediately after to the Chief Secretary for circulation to the Members.

34. In all other cases, the files will first be circulated to the Members of Council at Headquarters and then sent to the Secretariat concerned for the issue of orders.

Circulated to Members of Council for perusal of His Highness' orders before / after issue of orders. (*Vide* Rules 31, 33 and 34 of the Subsidiary Rules for the conduct of business of Council in the Manual of Council Rules and Procedure.)

Chief Secretary to Government.

Through the Secretary to Government,

~~Financial~~.....Department.

1.2.39

GH 1.2.39

FIRST MEMBER OF COUNCIL.

1/2/39

7157 2.2.39

SECOND MEMBER OF COUNCIL. 3.2

Financial Secretary with compliments

3.2.39

Draft G.O. for consideration

3/2/39

Fin. Secy)

NOTE.—Contn. sheet.

WD 1467—GPB—500—23-2-38

Serial No.

fo: NN; 7C: 5-237-7 to 11-2-1939

To. The Compln:

The Secy: Jus: Dept.

The Compiler.

The Publicity Officer.

The Kannada Translator

Sanctions the recommendations of the Com: referred to.

B (with a copy of the printed fo.)

NOTE—Contn. Sheet.

WD 0544—GPB—30,000—2-9-83

M. S. L. I.
O. 20
Encls. Four

In reply please quote:—
No. 1050.2

MYSORE STATE LIFE INSURANCE OFFICE.

FROM M. VIRARAJA URS, Esq., B.A., B.L.,
Secretary, Mysore State Life Insurance Committee, Bangalore.

Bangalore, dated the 22nd Dec. 1938

To

A. N. RAGHAVACHAR, Esq., M.A.,
Financial Secretary to the Government
of His Highness the Maharaja of
Mysore. BANGALORE.

FINANCIAL SECRETARY'S OFFICE 27 DEC. 1938 2193

GOVT. OF MYSORE 23.12.38

SIR,

I have the honour to forward herewith printed copies of the reports of the Actuaries Messrs. K. B. Madhava, M.A., F.R.A.S., A.I.A., (Lond) and James Bacon, F.I.A., on the valuation of the Funds of the Official and Public Branches respectively for the quinquennium ending 30th June 1938 together with copies of resolutions thereon passed by the Insurance Committee in their meeting held on 17th December 1938. I have the honour to request the sanction of Government being obtained to the following:-

Official Branch.

1. Grant of a simple reversionary bonus at 18 & 20 per annum per Rs.1,000/- sum assured on Endowment and Whole Life assurances respectively payable on date of maturity or at earlier death in respect of all policies which were in force on 30th June 1938 and an Interim bonus at the same rates on each policy that becomes a claim or matures before the next valuation date or period of five years, whichever is less.

2. Grant of a special additional bonus calculated at Rs.18/- per Rs.1,000/- per annum for 5 years on the total of the reversionary bonus already attached and existing on the policies in full force on 30-6-1938 payable as above.

Public Branch.

1. Grant of a bonus payable on maturity or earlier death at the rate of two per cent of the sum assured in respect of each year of assurance entered upon since 30-6-1933 upto and including 30-6-1938.

and

2. Until the date of the next valuation or until the rate of interest falls below four per cent per annum, an Interim bonus at the rate of two per cent per annum on the sum assured, excluding bonuses, in respect of each policy that becomes a claim or matures, the bonus being calculated in respect of each year of assurance entered upon after 30-6-1938.

I have the honour to be,
Sir,
Your most obedient servant,

G Madhava Rao
For Secretary,
Insurance Committee.

HN

MYSORE GOVERNMENT LIFE INSURANCE DEPARTMENT.

BANGALORE.

Extract from the Proceedings of the First Quarterly Meeting of the Mysore Government Life Insurance Committee, held on Saturday the 17th Dec.1938.

OFFICIAL BRANCH.

II. Consideration of the valuation report of Mr.K.B.Madhava, Actuary, of the Official Branch Fund as at 30th June 1938, with a view to arrive at decision on the following points : -

a) Rate of reversionary bonus (On Endowment Policies) to be declared.

b) Rate of reversionary bonus (On Whole Life Policies)

c) Interim Bonus to be fixed.

The valuation report of Mr.K.B.Madhava, Actuary, was considered and as recommended by him, the following - resolutions were passed : -

a) That a simple reversionary bonus at 18 & 20 per annum per Rs 1000/ sum assured on Endowment and Whole Life assurances respectively, be declared payable on date of maturity or at earlier death in respect of all policies which were in force on 30-6-1938 and an Interim bonus at the same rates on each policy that becomes a claim or matures before the next valuation date or period of five years, whichever is less.

b) That a special additional bonus calculated at Rs 18/~~20~~/- per Rs 1000/ per annum for 5 years on the total of the reversionary bonus already attached and existing on the policies in full force on 30-6-1938, be declared payable as above.

for Assistant Secretary,
Insurance Department.

KS/ 21/12

MYSORE GOVERNMENT LIFE INSURANCE DEPARTMENT.

Extract from the Proceedings of the first Quarterly meeting of the Mysore Government Life Insurance Committee, held on Saturday the 17th December 1938.

PUBLIC BRANCH.

II. Consideration of the Report of Mr.James Bacon, Actuary, on the Actuarial Valuation of the Public Branch Fund for the Quinquennium ending 30-6-1938.

The report of Mr.James Bacon was read and in supporting his recommendations in the matter of bonus, the following resolutions were made :-

a) That a bonus be declared payable on maturity or earlier death at the rate of two per cent of the sum assured in respect of each year of assurance entered upon since 30-6-1938 upto and including 30-6-1938,

and

b) That until the date of the next valuation or until the rate of interest falls below four per cent per annum, an interim bonus be declared at the rate of two per cent per annum on the sum assured, excluding bonuses, in respect of each policy that becomes a claim or matures, the bonus being calculated in respect of each year of assurance entered upon after 30-6-1938.

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for Assistant Secretary,
Insurance Department.

KS/ 7211

REPORT

ON THE

QUINQUENNIAL VALUATION AND INVESTIGATION OF THE MORTALITY EXPERIENCE

OF THE

PUBLIC BRANCH

FOR THE 5 YEARS ENDING 30TH JUNE 1938

BY

JAMES BACON AND JOHN JAMIESON,
Actuaries.

BANGALORE:
PRINTED BY THE SUPERINTENDENT AT THE GOVT. PRESS
1938

EMPIRE HOUSE,
ST. MARTIN'S-LE-GRAND.

London, E.C. 1, 25th November 1938.

To

The Directors of the
Mysore State Life Insurance Committee,
Bangalore.

GENTLEMEN,

In accordance with instructions conveyed to us by your Secretary, an investigation has been made into the mortality experience of the Public Branch of the Mysore State Life Insurance Scheme for the five years ending 30th June 1938 and a valuation has been made as at that date.

2. During the past five years, a very large number of new assurances has been effected, the number of policies existing at the valuation date being 33,675 as compared with 15,479 on 30th June 1933. It will be seen from this that the number of assurances has more than doubled during the past five years. The fund at the valuation date amounted to Rs. 92,01,954.

Assurances are effected under three main types of policy, namely :—

Whole Life Assurance under Tables 1 and 2.

Endowment Assurances giving a sum payable on attainment of a given age (or on completion of a given term of years) or on previous death, under Tables 3 and 3A.

A sum payable to a child after a definite period with premiums ceasing on the death of the parent or guardian under Table 4.

Table 3A was only recently adopted but at the valuation date there was the comparatively large number of 865 policies existing under this Table.

3. *Mortality Experience.*—Assurances are effected upon the lives of both males and females in respect of all

the above Tables and on this occasion an investigation has been made into the mortality experience of males and females separately, excluding the first five years of assurance. In all cases the actual mortality experience during the five years under review has been compared with the expectation on the basis of the respective mortality tables adopted for the last valuation and a full comparison according to age groups is given in respect of Tables 1 and 2, Table 3 and Table 4 for males and females separately in Schedule 1 attached to this report.

It will be observed that in the case of Whole Life Tables 1 and 2, the actual mortality during the past five years has been in excess of the expectation. The numbers entering into the experience were, however, small and the actual deaths were in fact only two in excess of the expected number of deaths. Although the mortality has been unfavourable during the period under review, it was not considered necessary on this occasion to make any alteration in the valuation basis and, as on the last occasion, it has been assumed that the experience of these two tables in future may be represented by the rates of mortality of the Official Branch for the years 1912-1928, with the addition of 15 per cent up to age 55, the mortality for ages beyond age 55 being derived from the modification of the experience of the Oriental Government Security Life Assurance Company for the years 1905-1925.

A comparison of the actual deaths under Table 3, males, during the five years with the expectation on the basis of the Official Branch rates of mortality for the years 1912-1928, discloses a favourable result, there having been 205 actual deaths as against 301 expected. It will be observed on reference to the schedule enclosed with the last report that the mortality during the five years ending 30th June 1938 has been more favourable than that during the previous quinquennium. It will also be seen that on this occasion the actual deaths have been below the expectation at every age group although they have tended to approach the expected deaths at the older age groups. It was decided to adopt the same basis for the present valuation as was adopted for the valuation as at 30th June 1933.

As stated above, Table 4 provides for the payment of an endowment to a child on its attaining a stipulated age,

the premiums ceasing on the death of the parent or guardian. In the case of this table the mortality of children has again been ignored but a comparison has been made of the actual deaths amongst parents and guardians with those expected according to the mortality basis adopted in the last valuation. It will be seen that the actual mortality experience has been exceptionally light and since it is exceedingly low as compared with the result given in respect of the other tables, we feel that there may have been cases in which the death of the parent or guardian has not been notified. We have again assumed that parents or guardians who insure their children under Table 4 will be subject to the same rates of mortality as were assumed in the valuation as at 30th June 1933.

There were no policies on the lives of females under Tables 1 and 2 at the valuation date. A comparison of the mortality of female assured lives with the expectation according to the bases adopted in the previous valuation has been made in respect of Tables 3 and 4. It will be seen from the comparison given that the actual mortality of females has been in close agreement with the expectation. The same mortality basis for female lives has been adopted as on the occasion of the valuation in 1933.

According to the Rules of the Scheme, females are treated for assurance purposes as being five years older than their true age. It appears from the results of the experience in respect of these lives during the past five years that this practice should be continued. In the event of the experience becoming unfavourable, it may be necessary to change the valuation basis at a later date.

4. There has recently been completed an investigation into the mortality experience of lives assured with the Oriental Government Security Life Assurance Company, Limited, during the years 1925-1935 and for your information we have made a comparison of your actual mortality during the past five years with the expectation according to the ultimate qx derived from that experience. The results are given in the attached Schedule 2, and it will be observed that your actual mortality agrees very closely with the expectation on this basis. It will also be noticed that the agreement at individual age groups is remarkably close and it is evident

that the experience of the Public Branch during the past five years has been very similar to that of the Oriental Company during the ten years from 1925 to 1935. It would appear from this that on the whole your mortality would be much more closely represented by the latest "Oriental" rates than by those actually adopted for the purpose of the present valuation. We would like, however, in this connection, to emphasise the warning that as the period under review was a remarkably favourable one, it would be unwise to use for the purposes of valuation and calculation of premiums the qx derived from the experience of the years 1925-1935 until the experience of these years had been confirmed by subsequent experience. It should also be remembered that as the great majority of your contracts are Endowment Assurances, the effects of changes in mortality are minimised.

Until these lighter rates of mortality have been fully confirmed by subsequent experience, no change in the valuation basis should be made which might possibly lead to the payment of higher bonuses as a result of this valuation than would be likely to be maintained in future.

5. *Valuation.*—The valuation of the liabilities has again been made by deducting from the values of the sums assured the values of the net premiums and cases that have been rated up by an addition to the age have again been treated as though for all purposes they were effected at such higher age with a corresponding addition to the age at maturity in the case of endowment assurances. Where extra premiums are payable on account of occupation or other hazardous risks, a reserve of half of the yearly extra premium has been made. The premiums are instalment premiums and where they are payable at intervals, other than yearly, the balance of yearly premium not paid becomes due in the event of a claim arising. We understand that credit has been taken in the Revenue Accounts for the instalments of premium due up to the next renewal dates on all policies included in the valuation and in view of this, credit has not been taken in the valuation for such instalments.

Since the last valuation date the practice with regard to lapsed policies has been changed. Policies are now treated as in default where premiums are in arrear for more than one year and it is provided in the rules that

they may be revived within a period of three years provided a satisfactory detailed medical certificate is produced.

At the valuation date particulars were given of a large number of policies stated to be in default. These policies have been valued separately according to the valuation bases and the liability in respect of them, less the premiums in arrear with interest at 6½ per cent per annum, has been included in the Valuation Balance Sheet as a special reserve.

In the case of Table 4, a refund of premiums can be obtained or the contract may be continued to the expiration of the original term in the event of a child dying during the currency of the policy. This portion of the assurance has been valued on the basis of interest only, mortality being ignored, but, since on the valuation basis the reserve is sometimes less than the amount of premiums paid, a small additional reserve has been included in order to ensure that in all cases the net liability shall not be less than the total premiums paid on individual policies.

6. *Interest.*—The rates of interest earned on the funds of the Public Branch during the five years preceding the valuation date are as follow:—

Year.	*Rate of Interest per cent.*
1933–34	4·157
1934–35	4·139
1935–36	4·126
1936–37	4·130
1937–38	4·121
Average	4·132

In each year the rate of interest earned has been below the average rate obtained during the previous five years although the average during the past five years has been only ·07 below the average for the previous quinquennium. In order to provide bonuses it is advisable to maintain an adequate margin between the rate of interest earned and that adopted in the valuation and it has again been assumed that the Fund will accumulate at compound interest at the rate of 3 per cent per annum, free of all deductions and depreciation.

7. *Expenses of Management.*—The percentage of total premiums expended on management during each of the past five years has been :—

Year.	*Expenses.*
1933-34	10·61
1934-35	10·12
1935-36	10·10
1936-37	10·80
1937-38	10·11
Average	10·34

It will be noticed that there has been an increase in the expense rate as compared with that of the previous five years. This has probably been due to a large extent to the very substantial amount of new business transacted and it seems likely that if the business goes on increasing at the same rate as during the past five years, a material reduction in the present rate of expense cannot be expected. No doubt, however, having regard to the increase which has taken place, a careful watch will be kept on the expenditure in order to ensure that it does not increase substantially. The margin for expenses and profits included in the valuation is 28 per cent of the premiums taking the business as a whole. The difference between the actual expense ratio and the margin for expenses and profits reserved in the valuation should provide a substantial contribution towards future bonuses.

A summary of the valuation particulars and the valuation balance sheet are attached to this report and it will be observed that in arriving at the surplus now disclosed, the Fund has been accepted at Rs. 92,01,054. The whole of the fund, apart from the amounts loaned on policies, is invested with the Government and it has been assumed that the question of depreciation need not be taken into account. It has also been assumed that no deduction from the Assurance Fund is required for maturity claims, death claims outstanding, surrender values, etc., these items being set out separately from the balance in the Life Assurance Fund in the accounts supplied.

Owing to the methods adopted with regard to outstanding premiums, this item represents over 9 per cent

of the total fund and it may be assumed that the whole of this will not be realised. Where, however, such outstanding premiums are not paid, the policies will lapse and there will be a reduction in the liability.

8. *Surplus.*—The surplus disclosed by the valuation is the sum of Rs. 18,68,193 as compared with a surplus of Rs. 8,89,650 last time.

The present surplus has arisen mainly from—

(*a*) Interest earned in excess of the rate of 3 per cent assumed in the valuation.

(*b*) Provision for expenses and profits in excess of the expenses actually incurred.

(*c*) Profits in respect of surrenders and lapses.

(*d*) Profit from mortality.

(*e*) The sum carried forward from the last valuation with interest thereon.

Against these items must be set any *interim* bonuses paid during the quinquennium.

9. A bonus of 1 per cent per annum on the sum assured under all policies existing on 30th June 1938 for each policy-year entered upon since the last valuation date would cost Rs. 6,97,333. The surplus revealed by the present valuation would therefore provide a reversionary bonus of 2·7 per cent per annum. After the last valuation date the sum of Rs. 2,63,850 was carried forward and if this sum is deducted from the present surplus the result is to show a surplus earned during the past five years of Rs. 16,04,343. This surplus earned would be sufficient to provide a reversionary bonus at the rate of 2·3 per cent per annum.

It was stated in the last valuation report that it was doubtful whether so high a rate of bonus as 2·8 per cent per annum could be maintained permanently and you will see from the figure given above that there has, in fact, been some reduction in the actual bonus earned. Having regard to the net rate of bonus earned during the past five years, we recommend that a bonus be declared payable on maturity or on earlier death at the rate of 2 per cent of the sum assured in respect of each year of assurance entered upon since 30th June 1933 up to and including 30th June 1938, this bonus being applicable to Tables 1, 2, 3 and 3-A but not to Table 4, which is definitely stated in the rules not to be entitled to bonus.

This bonus of 2 per cent will absorb the sum of Rs. 13,94,666, leaving Rs. 4,73,527 to be carried forward.

We also recommend that until the results of the next valuation are known or until the rate of interest falls below 4 per cent per annum, an *interim* bonus should be declared at the rate of 2 per cent per annum on the sum assured, excluding bonuses, in respect of each policy that becomes a claim or matures under Tables 1, 2, 3 and 3-A, this bonus being calculated in respect of each year of assurance entered upon after 30th June 1938.

We are,
Gentlemen,
Yours faithfully,

For BACON & WOODROW,

JAMES BACON,

JOHN JAMIESON,

Fellows of the Institute of Actuaries,
Consulting Actuaries.

MYSORE GOVERNMENT LIFE INSURANCE FUND.

PUBLIC BRANCH.

Mortality Experience—1st July 1933 to 30th June 1938.

Schedule 1.

Comparison of the actual deaths with those expected according to the valuation bases mentioned in the Report.

Years of risk over 5 years.

Risk Age	MALES									FEMALES					
	Tables 1 and 2			Table 3.			Table 4.			Table 3.			Table 4.		
	Exptd.	Actual	Actual / Exptd. %	Exptd.	Actual	Actual / Exptd. %	Exptd.	Actual	Actual / Exptd. %	Exptd.	Actual	Actual / Exptd. %	Exptd.	Actual	Actual / Exptd. %
20—24 ...	...	...	...	·4	...	...	...	...	...	·2	...	...	...	...	...
25—29 ...	...	...	...	23·2	12	52	·5	...	...	2·7	3	111	·4	2	500
30—34 ...	3	1	333	57·7	27	47	2·4	1	42	3·4	4	118	·2	...	...
35—39 ...	·7	1	143	70·4	44	63	6·8	6	88	3.3	4	121	·4	...	...
40—44 ...	2·2	2	91	67·4	57	85	9·4	...	...	3.0	3	100	·4	1	250
45—49 ...	3·8	7	184	54.3	47	87	11·4	2	18	1·3	...	...	·7	...	...
50—54 ...	4·9	2	41	27·3	18	66	22·1	2	9	·4	...	...	·4	...	...
55—59 ...	4·0	5	125	...	...	...	15·0	5	33	...	...	...	·1	...	...
60—64 ...	2·5	1	40	...	...	...	4·1	1	24	...	...	...	·1	...	...
65—69 ...	·6	2	333	...	...	...	·1	...	...	...	...	...	...	...	...
Total ...	19·0	21	111	300·7	205	68	71·8	17	24	14·3	14	98	2·7	3	111

MYSORE GOVERNMENT LIFE INSURANCE FUND.

PUBLIC BRANCH.

Mortality Experience—1st July 1933 to 30th June 1938..

Schedule 2.

Comparison of the Actual deaths with those expected according to the new "Oriental" rates of mortality.

MALES					FEMALES			
Risk Age	Table 3			Table 3			Risk Age
	Expected	Actual	Actual / Expected %	Expected	Actual	Actual / Expected %	
20—24	·3	...	...	·1	...	...	20—24
25—29	14·8	12	81	1·5	3	200	25—29
30—34	37·3	27	72	1·9	4	210	30—34
35—39	49.7	44	89	2·0	4	200	35—39
40—44	55·4	57	103	2·1	3	143	40—44
45—49	50·3	47	93	1·0	...	...	45—49
50—54	27·5	18	65	·3	...	...	50—54
Total	235·3	205	87	8·9	14	157	

MYSORE GOVERNMENT LIFE INSURANCE FUND.

Summary and Valuation of the Policies of the Public Branch as at 30th June 1938.

Table	Particulars of Policies for Valuation				Valuation			
	Number of Policies	Sum Assured and Bonuses	Office Yearly Premiums	Net Yearly Premiums	Sum Assured and Bonuses	Office Yearly Premiums	Net Yearly Premiums	Net Liability
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1 ...	238	4,08,027	15,124	11,333	2,38,903	2,06,469	1,53,247	85,656
2 ...	161	2,56,632	11,186	8,372	1,44,575	96,479	71,119	73,456
3 ...	31,058	2,97,66,839	15,29,716	11,12,138	1,89,18,830	1,73,80,031	1,24,36,078	64,82,752
4 ...	1,353	9,31,325	64,621	58,246	8,11,019	2,79,229	2,52,372	5,58,647
3A ...	865	7,37,800	47,697	36,552	4,53,083	5,56,109	4,20,861	32,222
Extra Premiums ...	...	...	2,281	...	..	...	...	1,141
	Reserve in respect of forfeited Policies, etc.							97,500
	Reserve for immediate payment of Claims							2,387
Total ...	33,675	3,21,00,623	16,70,625	12,26,641	2,05,66,410	1,85,18,317	1,33,33,677	73,33,761

VALUATION BALANCE-SHEET

as at 30th June 1938.

To Net Liability	Rs. 73,33,761	By Fund as at 30th June 1938	Rs. 92,01,954
Surplus	,, 18,68,193		
	Rs. 92,01,954		Rs. 92,01,954

WD 983—GPB—125—8-12-38

G. R. S. App. F VI—G 2]

SUBJECT .....

.....

.....

Diary No. of letter replied to.....

Section G.7

File No. 186-4 *

Serial No. 2

General and Revenue Secretariat

( )

the 193 .

Proceedings of the Government of His Highness the Maharaja of Mysore.

Date of issue 11-2- 193 7.

Signed by Sir. C.R.

May this be—

(i) printed? Yes

(ii) treated as a standing order?

(iii) published in the Gazette, English Part? Yes

(iv) translated? Yes

(v) placed at the disposal of the press? Yes

(vi) published in the Gazette, Kannada Part? Yes

Read—

Letter No: 10502 dt. 22-12-1936 from the Secy: Mysore Govt Life Insurance Deptt. forwarding the reports of the Actuaries, Messrs: K. P. Madhava, M.A; F.R.A.S; A.I.A., (Lond) and James Bacon, F.I.A., on the valuation of the funds of the Official and Public Branches respectively, for the quinquennium ending 30th June 1936 and together with copies of resolutions thereon passed by the Insurance Committee requesting sanction of Govt. to the following proposals:—

~~following resolutions of the Insurance Committee passed at the meeting held on 17-12-1936:—~~

and

* * * Here type the matter resolutions of the Committee in the letter

marked A in pencil in P.W.D.

for W. Ph. 5233-7

37.

Govt. have pensions etc, with interest, the reports of the Actuaries and are believed to contain the recommendations referred to in the letter head above.

Copies sent in 29

H: Secy: W. Govt.

Memo 20/11

M. Mr Secy: Life Ins: Dept.

Mr [redacted]

Mr Compiler, Improve for publication

Mr Publicity Officer.

Mr Hannaan Translation to Govt.

List of Enclosures

Copied by

Examined by

PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS

THE MAHARAJA OF MYSORE.

---:0:---

Read:-

Letter No.10502 dated 22nd December 1938 from the Secretary, Mysore Government Life Insurance Department, forwarding the reports of the Actuaries, Messrs. K. R. Madhava, M.A.,F.R.A.S., A.I.A., (Lond.) and James Bacon, F.I.A., on the valuation of the funds of the Official and Public Branches respectively, for the quinquinnium ending 30th June 1938 together with copies of resolutions thereon passed by the Insurance Committee, and requesting sanction of Government to the following proposals:-

Official Branch.

1. Grant of a simple reversionary bonus at 18 and 20 per annum per Rs.1,000/- sum assured on Endowment and Whole Life assurances respectively payable on date of maturity or at earlier death in respect of of all policies which were in force on 30th June 1938 and an Interim bonus at the same rates on each policy that becomes a claim or matures before the next valuation date or period of five years, whichever is less.
2. Grant of a special additional bonus calculated at Rs.18/- and Rs.20/- per Rs.1,000/- per annum for 5 years on the total of the reversionary bonus already attached and existing on the policies in full force on 30-6-1938 payable as above.

Public Branch.

1. Grant of a bonus payable on maturity or earlier death at the rate of two per cent of the sum assured in respect of each year of assurance entered upon since 30-6-1933 upto and including 30-6-1938; and
2. Until the date of the next valuation or until the rate of interest falls below four per cent per annum,

an Interim bonus at the rate of two per cent per annum on the sum assured, excluding bonuses, in respect of each policy that becomes a claim or matures, the bonus being calculated in respect of each year of assurance entered upon after 30-6-1938.

ORDER NO. FI. 5233-37 · 186-38-2

Dated, Bangalore, 11th February 1939.

Government have perused, with interest, the reports of the Actuaries and are pleased to sanction the recommendations of the Insurance Committee referred to in the letter read above.

By Financial Secretary to Government.

To

The Secretary, Life Insurance Department,
The Comptroller to Government,
The Compiler, Mysore Gazette, for publication,
The Publicity Officer,
The Kannada Translator to Government.

HKR.

S. O.

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

FINANCIAL DEPARTMENT.

G. O. No. Fl. 5233-7—G. F. 186-38-2, dated 11th February 1939.

Quinquennial Valuation Reports.

Passes orders on the —— of the Actuaries on the Insurance Fund for the Quinquennium ending 30th June 1938.

READ—

Letter No. 10502, dated 22nd December 1938, from the Secretary, Mysore Government Life Insurance Department, forwarding the reports of the Actuaries, Messrs. K. B. Madhava, M.A., F.R.A.S., A.I.A. (Lond.) and James Bacon, F.I.A., on the valuation of the funds of the Official and Public Branches respectively, for the quinquennium ending 30th June 1938, together with copies of resolutions thereon passed by the Insurance Committee, and requesting sanction of Government to the following proposals :—

Official Branch.

(1) Grant of a simple reversionary bonus at Rs. 18 and Rs. 20 per annum per Rs. 1,000 sum assured on Endowment and Whole Life assurances, respectively, payable on date of maturity or at earlier death in respect of all policies which were in force on 30th June 1938 and an *interim* bonus at the same rates on each policy that becomes a claim or matures before the next valuation date or period of five years, whichever is less.

(2) Grant of a special additional bonus calculated at Rs. 18 and Rs. 20 per Rs. 1,000 per annum for five years on the total of the reversionary bonus already attached and existing on the policies in full force on 30th June 1938 payable as above.

Public Branch.

(1) Grant of a bonus payable on maturity or earlier death at the rate of two per cent of the sum assured in respect of each year of assurance entered upon since 30th June 1933 upto and including 30th June 1938; and

(2) Until the date of the next valuation or until the rate of interest falls below four per cent per annum, an *interim* bonus at the rate of two per cent per annum on the sum assured, excluding bonuses, in respect of each policy that becomes a claim or matures, the bonus being calculated in respect of each year of assurance entered upon after 30th June 1938.

ORDER NO. FL. 5233-7—G. F. 186-38-2, DATED BANGALORE, THE 11TH FEBRUARY 1939.

Government have perused, with interest, the reports of the Actuaries and are pleased to sanction the recommendations of the Insurance Committee referred to in the letter read above.

A. N. RAGHAVACHAR,
Secretary to Government,
Financial Department.

To—The Secretary, Mysore Government Life Insurance Department.
The Comptroller to Government.
The Compiler, *Mysore Gazette.*
The Publicity Officer to Government.
The Kannada Translator to Government.

Exd.—C. K.

WD 1426—GPB—670—21-2-39